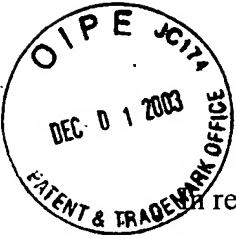


00684.003530

PATENT APPLICATION



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re Application of:

TETSUYA OHASHI ET AL.

Application No.: 10/670,398

Filed: September 26, 2003

For: LIQUID EJECTION HEAD,  
RECORDING APPARATUS HAVING  
SAME AND MANUFACTURING  
METHOD THEREFOR

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Examiner: Unassigned  
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Group Art Unit: Unassigned  
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December 1, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. A copy of each of the listed documents is enclosed.

Japanese Patent No. 2814330 is discussed at page 2 of the specification and may be relevant for the reasons discussed therein.

U.S. Patent No. 5,515,086 is a U.S. counterpart to Japanese Patent No. 2814330.

Abstracts for Japanese Patent Application Laid-Open Nos. 5-50633, 5-229144, 9-150540 and 2002-200742, obtained from a commercial database, are enclosed for the Examiner's convenience.

#### FORMAL MATTERS

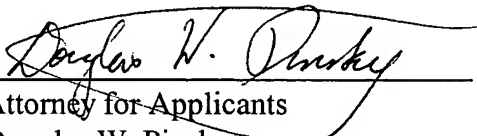
In accordance with 37 C.F.R. § 1.97(b), since this Information Disclosure Statement is being filed within three months of the filing date of the subject application, neither a statement under 37 C.F.R. § 1.97(e) nor payment of a fee is required for consideration of this Information Disclosure Statement.

#### CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that an initialed copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

  
\_\_\_\_\_  
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DWP/tmc

FORM PTO 1449 (modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. <b>00684.003530</b>		APPLICATION NO. <b>10/670,398</b>	
				APPLICANT <b>TETSUYA OHASHI ET AL.</b>			
				FILING DATE <b>September 26, 2003</b>		GROUP <b>Unassigned</b>	
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)		December 1, 2003					
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,515,086	05/1996	Kakizaki et al.			
		6,220,697 B1	04/2001	Yamanaka et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		JP 5-50633	03/1993	Japan			Abstract
		JP 5-229144	09/1993	Japan			Abstract
		JP 9-150540	06/1997	Japan			Abstract
		JP 2814330	08/1998	Japan			*
		JP 2002-200742	07/2002	Japan			Abstract
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
		*U.S. counterpart Patent No. 5,515,086 submitted herewith					
EXAMINER				DATE CONSIDERED			

•EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicants.

DWP/tmc